



An Ameliorated Tool for Handling the Events in a College

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Abstract: During the last few decades, there is tremendous growth in the technology. Due to these technological advancements in both hardware and software the requirements of the users are also increasing. The demands for the automation of all the activities are also increasing. It is getting too hard to manage events being organized by schools and colleges as event organizers are increasing rapidly day by day.

In this paper, we are proposing an automatic tool to handle all the events in an educational institution. The proposed tool make use of Android OS which is preloaded. This proposed tool manages all the events, the number of participants, payments, list of participants and it sends appropriate messages to the registered participants. The app will take from the College the event name, date and time of the event and stores the details to the database. All the information stores for you are classified depending on how it relates to a time. This application helps the students who are willing to participate in various events conducting in various colleges. This application will also provide departmental participation details of the students to respective colleges.

Key words: Android, Event, Event management, android app, mobile app.

I. INTRODUCTION

In recent years, the emergence of smart phones has changed the definition of mobile phones. Various applications added unlimited fun for people's lives. It is certain that the future of the network will be the mobile terminal. Android is a mobile operating system based on the Linux kernel and currently developed by Google with a user interface based on direct manipulation, android is designed primarily for touch screen mobile devices such as smartphones and tablet computers, with specialised user interfaces for televisions (android TV), cars (android auto) and wrist watches(android wear). The OS uses touch inputs that loosely correspond to real world actions, like swiping, tapping, pinching and reverse pinching to manipulate on screen objects and a virtual keyboard. Android is Simple and powerful SDK, no licensing fees and a thriving developer community. It also offers an excellent enterprise platform by using a popular enterprise programming language such as Javas.

CrowdCompass is a mobile app developed by event which is not user friendly. It mainly focuses on seminars and conferences and does not helpful for the students in a productive way. This drawback made us think about the limitation of CrowdCompass and work on it to overcome. We try to develop an application which manages the events easily organized by colleges. It reduces complexity when compared to other existing tools. Android applications can be designed by using XML or web view concept. Web view concept provides easy way of building the application and verification, validation are not so time consuming.

II. LITERATURE SURVEY

In this paper [1], Sumaiya Patel, Darshana Thakur, Sujit Sekhar. Priyanks proposed an approach that gives idea about how develop an application which will help user of android to create Admin and Guest accounts like other computer based operating system. Security holes in Android operating system occur due to the permission based security model which is not properly enforced during system design.

In this paper [2], Shyam Bhati, Sandeep Sharma, Karan Singh they have proposed details of android applications and discussed various features for suitability to android for mobile devices. They have also compared android with Symbian, windows mobile, windows phone, bada, rim and ios. Findings of this survey are that android is superior compared to its comparative operating systems. It acts as an emerging software platform for mobile devices. It is key feature of android that will make it a leader in mobile platform. Here our application includes the features from this paper.

In this paper [3], David Williams proposed an approach that supports a wide range of cultural and sporting events across the country and whilst the delivery mechanism for each event is different, there are broad key areas common to the management of the majority of events. The task of providing general advice and guidance to address this diverse sector was certainly a challenge. This paper mainly focuses on event planning and event organizing. It tells how to plan the event as the more robust the plan, the smoother the journey to success.

In this paper [4], Peter Glasmacher Jacqueline & Meckwood proposed a model for event management and best practices. This model mainly focuses on correlation between the events. The event management is based on IBM Tivoli enterprise console which tells about addition and deletion of events. It also has filtering capacity which separates social, cultural, technical events and so on. Filtering is done by using logology to eliminate the traps. NetView is a Simple Network Management Protocol (SNMP)-based network manager, and as such, functions as a trap receiver. Depending upon the systems management infrastructure, NetView may act as an intermediate manager, passing relevant events to a higher level event processor, or as the management focal point, displaying them on its console and taking actions for them.

III. TERMINOLOGIES

- a. **Android:** Android is an open source operating system hence the development tools are free, so there are plenty of applications generated.
- b. **Event:** Something that happens or is regarded as happening. Event is an occurrence, especially one of some importance.
- c. **Event management:** Event management is the application of project management to the creation and development of large scale events such as festivals, conferences, ceremonies, formal parties, technical fests. It involves studying the brand, identifying the target audience, devising the event concept, planning the logistics and coordinating the technical aspects before actually launching the event
- d. **Android app:** An android app is a software application running on the android platform. Because the android platform built for mobile devices, a typical android app is designed for a smart phone or a tablet, PC running on android OS.
- e. **Mobile app:** A mobile app is a computer program designed to run on smart phones, tablet computers and other mobile devices.

IV. PROPOSED METHODOLOGY

The proposed tool consists of following modules Register college, add new events, and Register students.

A. Algorithm:

a. Algorithm to register college:

Step1:Read collegename, phone, address etc.
 If Collegename="" ;phone="" ;address="" ; goto step 1
 Else goto step 2
 Step2:Connect to Mysql.
 Class.forName("com.mysql.jdbc.driver");
 Con=DriverManager.getConnection("jdbc:mysql://localhost :3306/event","root","root");
 Step3:Insert all the values to college table in event database.

B. Algorithm to add new events and registration:

Step1:Add new event.
 If Name="" ;date="" ;fee="" ;department="" ;
 Goto step 1
 Else goto step 2
 Step2:Connect to Mysql.
 Class.forName("com.mysql.jdbc.driver");
 Con=DriverManager.getConnection("jdbc:mysql://localhost :3306/event","root","root");
 Step3:Insert all the values to event table in event database.
 Step4:Read student details.
 If Name="" ;college="" ;USN="" ;
 Goto step 4
 Else goto step 5
 Step5:Select event from List.
 Ex: Event="code debugging";
 Step6:Pay for the event using Debit card.
 CardNo="-----";Event="Code debugging";
 step7:Receive acknowledgement.

V. CASE STUDY

Consider an example of adding college into the application

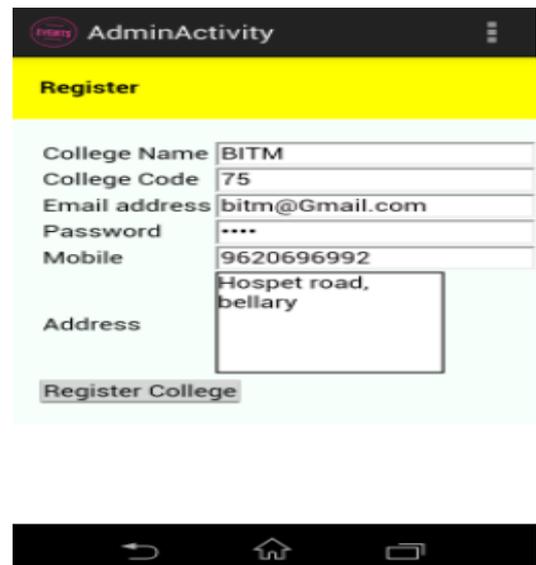


Figure: 1

Adding events into the application



Figure:2

Viewing the posted events

SINo	Event Name	Event Date	Available Bookings	Action
1	ROBOTICS	05-06-2015	98	Register
2	CODE DEBUGING	04-06-2015	99	Register
3	code debugging	19-05-2015	58	Register
4	programming contest	17-05-2015	30	Register
5	programming contest	10-12-2015	60	Register
6	RICE WORKSHOP	05-06-2015	100	Register

Figure: 3

Registering to particular event



Figure: 4

Student history activity

SINo	Event Name	Event Date	Action
1	code debugging	19-05-2015	Cancel
2	event 1	02-05-2014	Cancel
3	ROBOTICS	05-06-2015	Cancel
4	CODE DEBUGING	04-06-2015	Cancel
5	ROBOTICS	05-06-2015	Cancel
6	programming contest	17-05-2015	Cancel

Figure: 5

VI. CONCLUSION

In this paper we have proposed an automatic tool to handle all the ongoing national or international events of different colleges. The proposed tool stores the input data, prepares the list of activities and list of participants for an event and also informs the participants about the payment details and register number. This application helps to save the time of college management as well as students.

VII. REFERENCES

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